

1614
0590
0306

RAW SEQUENCE LISTING ERROR REPORT

MAR 19 2002

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/909,238A
Source: 1600
Date Processed by STIC: 2-28-2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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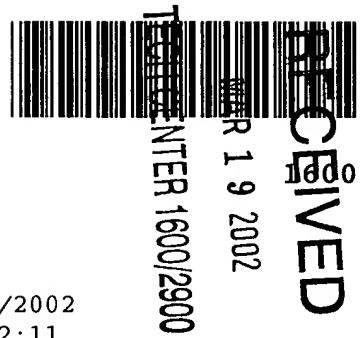
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002
TIME: 11:52:11

Input Set : A:\PTO_MS.txt
Output Set: N:\CRF3\03122002\I909238A.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Gerd HOBOM
4 Anette MENKE
5 Sabine MEYER-ROGGE
7 <120> TITLE OF INVENTION: Recombinant Influenza Viruses with Bicistronic vRNAs Coding
for Two Genes
8 in
9 Tandem Arrangement
11 <130> FILE REFERENCE: 001394us/JH/m1
13 <140> CURRENT APPLICATION NUMBER: US/09/909,238A
14 <141> CURRENT FILING DATE: 2001-07-19
16 <160> NUMBER OF SEQ ID NOS: 24
18 <170> SOFTWARE: PatentIn Ver. 2.1
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21 <211> LENGTH: 12
22 <212> TYPE: RNA
23 <213> ORGANISM: Influenza A virus
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29 <210> SEQ ID NO: 2
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31 <212> TYPE: RNA
32 <213> ORGANISM: Influenza B virus
34 <220> FEATURE:
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36 <222> LOCATION: (1)..(2)
37 <223> OTHER INFORMATION: n = any nucleotide
39 <400> SEQUENCE: 2
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45 <212> TYPE: RNA
46 <213> ORGANISM: Influenza C virus
48 <400> SEQUENCE: 3
49 ccugcuucug cu 12
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 12
54 <212> TYPE: RNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
59 influenza A 3'-sequence (pHL1104 and pHL1920)
61 <400> SEQUENCE: 4
62 ccuguuucua cu 12
65 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002
 TIME: 11:52:11

Input Set : A:\PTO_MS.txt
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66 <211> LENGTH: 12
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 68 <213> ORGANISM: Artificial Sequence
 70 <220> FEATURE:
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 81 <213> ORGANISM: Influenza A virus
 83 <400> SEQUENCE: 6
 84 aguagaaaca agg 13
 87 <210> SEQ ID NO: 7
 88 <211> LENGTH: 13
 89 <212> TYPE: RNA
 90 <213> ORGANISM: Influenza B virus
 92 <220> FEATURE:
 93 <221> NAME/KEY: misc_feature
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 95 <223> OTHER INFORMATION: n = any nucleotide
 97 <400> SEQUENCE: 7
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 106 <400> SEQUENCE: 8
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 110 <210> SEQ ID NO: 9
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 115 <220> FEATURE:
 116 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
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 126 <213> ORGANISM: Influenza A virus
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 130 <222> LOCATION: (14)..(16)
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002
 TIME: 11:52:11

Input Set : A:\PTO_MS.txt
 Output Set: N:\CRF3\03122002\I909238A.raw

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 140 <213> ORGANISM: Artificial Sequence
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 147 <221> NAME/KEY: misc_feature
 148 <222> LOCATION: (14)..(16)
 149 <223> OTHER INFORMATION: n = any nucleotide
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 158 <213> ORGANISM: Influenza B virus
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 161 <221> NAME/KEY: misc_feature
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 163 <223> OTHER INFORMATION: n = any nucleotide
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 171 <212> TYPE: RNA
 172 <213> ORGANISM: Artificial Sequence
 174 <220> FEATURE:
 175 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
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 178 <400> SEQUENCE: 13
 179 aguaguaca agrguuuu 19
 182 <210> SEQ ID NO: 14
 183 <211> LENGTH: 15
 184 <212> TYPE: RNA
 185 <213> ORGANISM: Artificial Sequence
 187 <220> FEATURE:
 188 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
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 191 <220> FEATURE:
 192 <221> NAME/KEY: misc_feature
 193 <222> LOCATION: (1)..(3)
 194 <223> OTHER INFORMATION: n = any nucleotide
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 201 <211> LENGTH: 15
 202 <212> TYPE: RNA
 203 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002

TIME: 11:52:11

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03122002\I909238A.raw

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 206 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
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 209 <220> FEATURE:
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 211 <222> LOCATION: (1)..(3)
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 220 <212> TYPE: RNA
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 224 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified
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 227 <220> FEATURE:
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 229 <222> LOCATION: (1)..(5)
 230 <223> OTHER INFORMATION: n = any nucleotide
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 260 <212> TYPE: DNA
 261 <213> ORGANISM: Influenza A virus
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 267 <210> SEQ ID NO: 20
 268 <211> LENGTH: 3888
 269 <212> TYPE: DNA
 270 <213> ORGANISM: Artificial Sequence
 272 <220> FEATURE:
 273 <223> OTHER INFORMATION: Description of Artificial Sequence: pHL1920

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002
TIME: 11:52:11

Input Set : A:\PTO_MS.txt
Output Set: N:\CRF3\03122002\I909238A.raw

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278 aaaaaaaaaac aaagttcgc ccggagtaact ggtcgaccc cgaagttggg gggagtaga 180
279 aacagggttag ataatcactc actgagtgac atccacatcg cgagcgcgcg taatacgact 240
280 cactataggg cgaattgggt accgggcccc ccctcgaggt cgacggtatc gataagcttc 300
281 gacgagattt tcagggagcta aggaagctaa aatggagaaa aaaatcactg gatataaccac 360
282 cgttgcata tcccaatggc atcgtaaaga acattttgag gcatttcagt cagttgtca 420
283 atgtacctat aaccagaccg ttcaagctgaa tattacggcc tttttaaaga ccgtaaagaa 480
284 aaataagcac aagtttatac cggcctttat tcacattttt gcccgcctga tgaatgtca 540
285 tccggattt cgtatggcaa tgaaagacgg tgagctggg atatggata gtgttcaccc 600
286 ttgttacacc gttttccatg agcaaaactgaa aacgtttca tcgctctggg gtgaataccca 660
287 cgacgatttc cggcagttt tacacatata ttgcgaagat gtggcgtgtt acgtgaaaaa 720
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289 ggtgagtttcc accagttttg atttaaacgt ggccaaatatg gacaacttct tcggggcg 840
290 tttcaccatg ggcaaatattt atacgcaagg cgacaagggtt ctgatgcgcg tggcattca 900
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321 agaagttggtc ctgcaactttt atccgccttc atccgttca ttaatttttgc cggggaaatgt 2760
322 agagtaagta gttcgccagt taatagtttgc gcaacgttgc ttgcatttgc tacaggatc 2820
323 qtgggtgtcactc gtcgttgcgtt ttgtatggct tcatccatctt ccgggttccca acgatcaagg 2880

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/909,238A

DATE: 03/12/2002
TIME: 11:52:12

Input Set : A:\PTO_MS.txt
Output Set: N:\CRF3\03122002\I909238A.raw

L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16